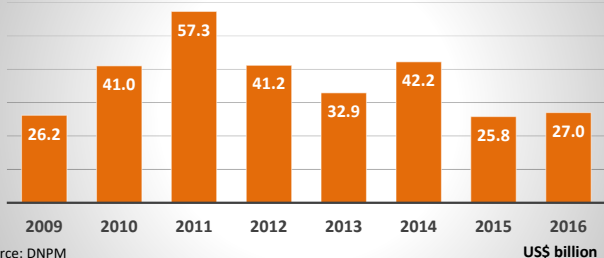
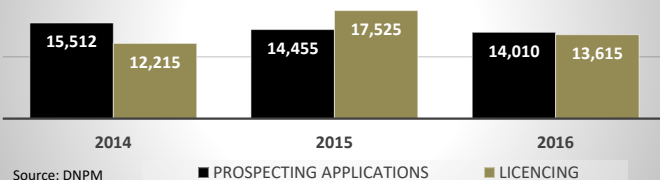


### MINERAL PRODUCTION



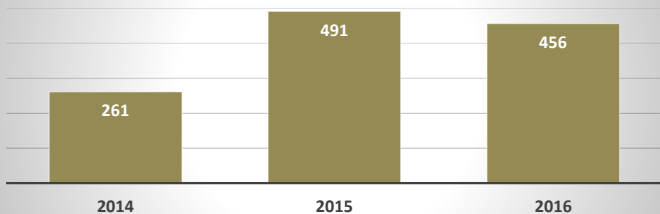
Source: DNPM

### PROSPECTING APPLICATIONS AND LICENCING



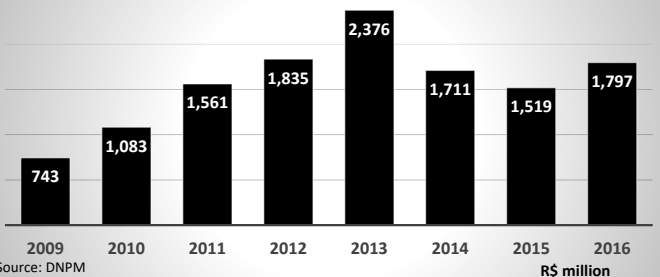
Source: DNPM

### MINING CONCESSIONS GRANTED



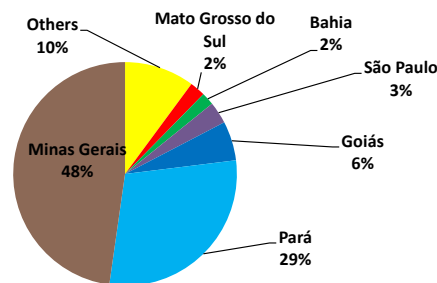
Source: DNPM

### CFEM - TOTAL



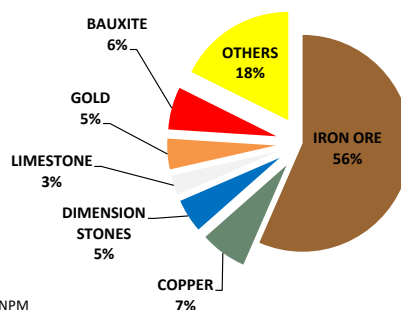
Source: DNPM

### \*CFEM 2016 / STATE (%)



Source: DNPM

### CFEM 2016 / MINERAL (%)



Source: DNPM

### MINERAL SECTOR - 2016 (Selected products)

Mining	Amount	Industry	Amount
Iron ore (Mt)	424.2	Steel	30,200
<i>pellets (Mt)</i>	46.2	Pig iron (market)	4,300
Gravel	n.d.	Castings	2,300
Bauxite (Mt)	39.2	Aluminium (kiloton)	793
Dimension Stones (Mt)	9.3	Fe-Mn (kiloton)	n.d.
Kaolin (Mt)	1.7	Zinc (kiloton)	284.5
Phosphate (Mt)	6.5	Fe-Si	n.d.
Agricultural limestone (Mt)	33.2	Copper (refined) (kiloton)	225.5
Copper (cont.) (kiloton)	337.6	Fe-Nb (kiloton)	-
Gold (ton)	n.d.	Cement	57,700
		Ceramic - wall & floor (Mm <sup>2</sup> )	n.d.

**MINISTRY OF MINES AND ENERGY - MME**  
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**MINERAL TRANSFORMATION - SGM**  
*Departament of Transformation and Mineral Tecnology - DTTM*

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**MINERAL SECTOR BULLETIN 2017**

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**Mining & Mineral Transformation**  
**(Metallics and Non-metallics)**

Last update: 12/19/2017

### Mineral Sector - Foreign trade performance 2016

The external trade of the mineral sector that encompasses mining (extractive industry, except oil and gas) and mineral transformation (metallic, non-metallic and inorganic chemical compounds) closed **2016** with a positive balance of **US\$ 18.1 billion** equivalent to US\$ 36,6 billion of exports and US\$ 18.5 billion of imports, showing a decline of 6% in relation to 2015, reflecting the cycle of devaluation of prices of the main commodities in the sector.

### Mining (extractive, except oil and gas)

Exports of the mining sector only in 2016 totaled **US\$ 17.4 billion** equivalent to **47.5%** of the total exports of the mineral sector and **9.4%** of the Brazilian exports. The shipments of iron ore, the main export item of the sector, increased by 2.1%, from 366.2 million tons in 2015 to 374 million tons in 2016. However, the revenue generated from these sales decreased by 5.6%, due to the weak performance of pellet exports, which declined 42.5% and 53.7%, respectively, in volume and value. Exports of iron ore accounted for 76% of the mining products exported; 36% of the mineral sector and 7.2% of Brazilian exports in 2016.

Source: DTTM/SGM/MME.

**MINISTÉRIO DE**  
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